



PATENT  
ATTORNEY DOCKET NO.: VOSS1130

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Peltonen et al.  
Serial No.: 09/509,595  
Filed: July 5, 2000  
Title: NUCLEIC ACID MOLECULE ENCODING A (POLY)PEPTIDE CO-SEGREGATING IN MUTATED FORM WITH AUTOIMMUNE POLYENDOCRINOPATHY CANDIDIASIS ECTODERMAL DYSTROPHY (APECED)

Art Unit: 1653  
Examiner: S. W. Liu

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT**

Sir:

Responsive to the Office Action mailed December 3, 2003, please amend the above-identified application as follows:

Amendments to the Specification begin on page 3 of this paper.

Amendments to the Claims begin on page 6 of this paper.

Remarks begin on page 12 of this paper.

Exhibit A (Genbank entry AB006684, which lists the nucleotides that are joined to form the coding sequences (listed to the rights of "CDS") is attached following page 23 of this paper.

Exhibit B (dbEST listing for IMAGE clone 126541, 5') is attached following Exhibit A.

Exhibit C (dbEST listing for IMAGE clone 126541, 3') is attached following Exhibit B.

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**CERTIFICATION UNDER 37 CFR §1.8**

I hereby certify that the documents referred to as enclosed herein are being deposited with the United States Postal Service as first class mail on June 3, 2004, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
Lisa E. Jambeau

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Exhibit D (Genbank entry for clone Z97990 (gi2665370) (SEQ ID NO:1) is attached following Exhibit C.

Exhibit E (BLAST results of Z97990 and IMAGE clone 126541 5') is attached following Exhibit D.

Exhibit F (BLAST results of Z97990 and IMAGE clone 126541 3') is attached following Exhibit E.

Exhibit G (NCBI nucleotide database search results for EST 21ES212) is attached following Exhibit F.